

2009 MPIC Box Bin Processing Potato Variety Trial

Montcalm Research Farm, Montcalm County, MI

Harvest **23-Sep-09** **134** Days
DD, Base 40⁶ **2703**

LINE	CWT/A		PERCENT OF TOTAL ¹					SP GR	CHIP SCORE ³	TUBER QUALITY ²				TOTAL CUT	VINE VIGOR ⁴	VINE MATURITY ⁵	COMMENTS	CHIP COMMENTS	
	US#1	TOTAL	US#1	Bs	As	OV	PO			HH	VD	IBS	BC						
MSH228-6	297	315	94	6	89	5	0	1.079	1.0	1	2	0	0	10	2.0	4.5	flat oval, tr surface scab	1 SED	
NY139	263	296	89	11	89	0	0	1.083	1.0	0	2	0	0	10	3.0	3.5	tr surface scab		
MSQ279-1	238	301	79	20	67	12	1	1.084	2.0	1	0	0	0	10	2.0	4.5	gc in pickouts, tr surface scab, sheep nose	many chips with discoloration	
A00188-3C	228	302	76	24	74	2	0	1.082	1.0	2	1	0	5	10	2.5	3.5			
CO00197-3W	226	297	76	20	76	0	4	1.080	1.0	0	3	0	0	10	2.0	3.5	gr and misshapen in pickouts		
A01143-3C	225	297	76	21	74	2	3	1.078	1.0	0	0	0	0	10	2.0	4.5	misshapen in pickouts		
MSN170-A	219	242	91	8	79	12	1	1.084	1.0	0	0	0	0	10	1.5	3.5	misshapen in pickouts, nice size and profile		
MSQ070-1	214	274	77	23	74	3	0	1.090	1.0	2	0	0	0	10	2.0	4.5	round uniform type	4 SED	
MSL292-A	207	257	81	19	79	2	0	1.081	1.0	1	1	0	0	10	2.5	3.5	uniform type		
Snowden	196	234	84	16	84	0	0	1.085	1.0	1	2	0	0	10	2.0	3.5			
CO00270-7W	183	221	83	16	81	2	1	1.079	1.0	0	2	0	0	10	2.0	2.5	pitted scab		
W5015-12	178	247	72	26	69	3	2	1.086	1.0	0	3	0	0	10	2.0	4.5	russeted skin		
MSL007-B	176	231	76	24	76	0	0	1.080	1.0	0	1	0	0	10	1.5	3.5	nice uniform type		
MSP459-5	170	219	78	21	76	2	1	1.080	1.0	1	0	0	0	10	1.5	2.5	sl sheep nose		
MSR061-1	155	219	71	29	68	3	0	1.082	1.0	2	0	0	0	10	2.0	3.5			
MSJ126-9Y	118	152	78	16	78	0	6	1.077	1.5	0	0	0	0	10	1.0	2.5	misshapen in pickouts, small size	3 SED	
CO00188-4W	92	181	51	49	51	0	0	1.083	1.0	0	0	0	0	10	2.5	1.5	small bright appearance		
MEAN	199	252	78					1.082											

tr = trace, sl = slight, N/A = not applicable
 SED = stem end defect, gc = growth crack

¹ SIZE	² TUBER QUALITY (number of tubers per total cut)	³ CHIP COLOR SCORE - Snack Food Association Scale	⁴ VINE VIGOR RATING	⁵ VINE MATURITY RATING	Planted:	12-May-09
Bs: < 1 7/8"	HH: Hollow Heart	(Out of the field)	Date Taken: 15-Jun-09	Date Taken: 14-Aug-09	Vines Killed:	3-Sep-09
As: 1 7/8" - 3.25"	VD: Vascular Discoloration	Ratings: 1 - 5	Ratings: 1 - 5	Ratings: 1 - 5	Days from Planting to Vine Kill:	114
OV: > 3.25"	IBS: Internal Brown Spot	1: Excellent	1: Slow Emergence	1: Early (vines completely dead)	Seed Spacing:	10"
PO: Pickouts	BC: Brown Center	5: Poor	5: Early Emergence (vigorous vine, some flowering)	5: Late (vigorous vine, some flowering)	No Fumigation	

⁶MAWN STATION: Entrican Planting to Vine Kill